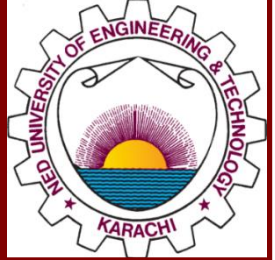




# NED<sub>IAN</sub>

May 2022



www.neduet.edu.pk

News World of NED University of Engineering & Technology, Karachi, Pakistan

Vol. 1 Issue. 3

## ZAAWIYA-LITERATURE IS IN THE AIR

AIMAN SIDDIQUI

Civil Engineering, Batch 2019

One of the aftermaths of the online learning system was the ever-hampered mobilization of students due to severe limitations on public gatherings, casting a damper on nearly every opportunity to socialize. The spell lifted in fall 2021 as the new academic year welcomed freshers with a vehement

Enchanted by the news of the newly lifted lockdown, NEDians left no stone unturned in reviving the long-lost fervor of back-to-back events on campus, just when Zaawiya made its stellar comeback after two years, leaving the audience awestruck. Recurring fortnightly, Zaawiya is an eve of literary recitals, organized by the Literary and Publications Society, NEDUET and inspired by Ashfaq Ahmed's initiative who envisioned a free space for the community where



orientation carnival and NEDUET experienced the lost glory of its bonafide bustling energy.

people could freely exercise the liberty to pour in their expressions—unrestricted. Fancy as it may sound, it was wholeheartedly welcomed by

### HIGHLIGHTS OF THIS ISSUE



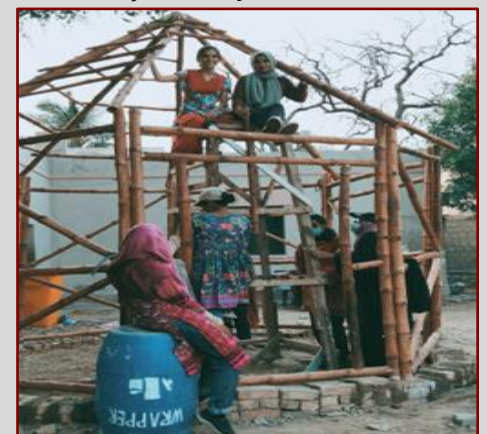
*Zaawiya-Literature in the Air*



*English Access Micro-Scholarship Programme 2022*



*The Rise of Student Journalism in NED*



*On Campus Construction of Lari Octa Green (LOG) Shelter*

the audience with jam-packed venues, flocking performances, banging energy and festering emotions.

Opening on 21st December 2021 at National Incubation Centre, Karachi; the revival special episode of Zaawiya managed to attract outsiders to the venue through its inclusive diversity. With a response more overwhelming than the previous episode, the venue could not contain the vigor for the second episode as it thronged with students arriving hours prior to the opening so as to not miss their chance to perform or attend.



From poetical woes to spiritual prose, from light-hearted recitals to political satire; it struck the chord with every literati or even the ones remotely interested in exhibiting the literary passion present in their hearts yet rarely witnessed. While some read excerpts from their personal journals, the others brought books of their favorite poets and authors to read from; either way owning and letting out what had been unheard before. The mantra of 'freedom of expression' was effectuated to such an extent where one could deliver his unruffled expression via recital, melody or even a monologue, making it welcoming for everyone even if one wishes to sit in a corner and reflect over others' narrations. The performers had a 7-minute-long

window to share their literary piece, followed by questions from the audience to gauge the thought process behind it, hence cultivating a mindful ownership and decorum.

As hype and momentum grew around Zaawiya, booking a bigger venue for a longer time slot became the need of the hour to cater to as many people as possible. This paved the way for an anniversary special episode on 17th January 2022 that happened to be the season finale—nothing short of some literary extravaganza. The final episode took place in Civil AV Hall for a duration of four hours, fulfilling the coveted wish of the attendees. Bookmarks celebrating three years of Zaawiya were presented as a token of gratitude to all those who stuck with Zaawiya, embraced it sincerely and made it a cherished legacy.

In Zaawiya, we found ourselves momentarily stunned. The splendor and ingenuity of it so dazzled us, our compulsively chattering minds gave pause so as to not whisk away from its halo. In this process of unwinding, we sneaked a glimpse of a realm where literature intricately weaved our emotions in the most beautiful patterns. The beauty of Zaawiya is in its unpretentiousness to be anything. It is raw, unrehearsed, heart-to-heart yet admirably dear to anyone who has been associated with it.

## AI FEST 3.0

*UMNA ARSHAD*

*Software Engineering, Batch 2019*

*RIDA KALEEM*

*Software Engineering, Batch 2019*

The NEDUET's Artificial Intelligence Club is a student club dedicated to promoting AI technology among the young and general public. The AI Club's flagship

event, AI Festival, is centered on computer technology and was held in NED University from 28th to 31st December 2021. It came off as a must-attend event for any tech geek interested in the newest developments in the field of computer technology, since it featured technologies such as AI, IoT, Augmented and Virtual Reality, Machine Learning, and more. Not only that, but the club hosted four absolutely jam-packed days brimming with the intellect of top industry specialists speaking, project exhibitions of all types of computer projects, competitions and workshops on all mentioned technologies.

This event's third iteration was a complete success for the team and NED University. On December 28, 2021, AI Club marked Day 1 of the festival in collaboration with Smart City Lab NCAI NEDUET. the sponsors and partners being; Affinity, Mojo Solutions, Folio3, Kaggle, HUAIC, ACM, Karachi AI, FUTUREREALITY, Bleed AI, Mindstorm engineering, techstation and PIAIC (Presidential Initiative for Artificial Intelligence & Computing).

The first day began with an opening ceremony in the main auditorium of the campus hosted by the Vice President, Warda Hashmi, and the General Secretary, Syed Sannan Ali, of the AI Club. It included initial speeches by the chairman of the AI club, Sir Khuram, the President of the AI club, Khuram Abbas followed by the national anthem, introduction to all the partners and sponsors and a skype session with the founder of this club and Mojo solutions, Mr. Khuram Hussain. After the opening ceremony there was a training session for Ideas Hackathon followed by a Data Science workshop held by the virtuous guest speakers from foil3.

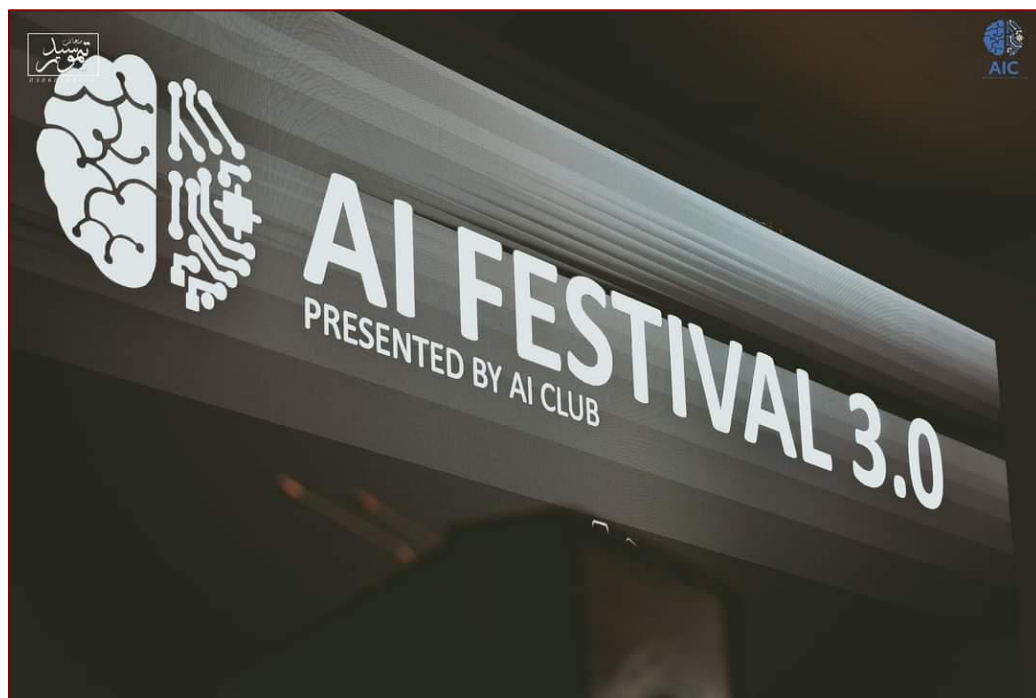


Simultaneously a workshop regarding robotics and IOT was being conducted by Mr. Sameer Ahmed, a data scientist and ML engineer, in the CIS Department Lecture Hall. Amidst the workshops conducted, three competitions were also taking place. Speed debugging competition was arranged in the HPCC Training Hall where students not only had to correct the syntax of the code but also its logic while Logic Hunt. Lined up in one of the classes in the CIS Department, was a time-sensitive rapid-fire questioning session to assess each participant in a limited time. With the Speed Programming competition rescheduled for the third day of the event and an hour-long break, the event continued with the Data Science competition in HPCC Training Hall where participants had to extract useful information from a given dataset in a limited time and a speaking session of Industrial IOT and Automation in the main auditorium. The day ended successfully with an autonomous vehicle workshop by Mr. Mudassir and Mr. Imtiaz.

The second day of AI Fest 3.0 was devoted to sessions on AI applications in various disciplines. Following the opening remarks, Syed Fahad Khalid, Lead Product Manager, Artificial Intelligence Platform and Algorithms at Meta, delivered the first session. As a part of the Facebook AI Integrity Team, he works to address the most pressing and global concern of our time: misinformation, fake news, and hate speech. The presentation that followed was AI in Entrepreneurship, presented by Abdul Muqsit Abbasi, Co-Founder of Byte Corp Technologies. Mr. Muqsit was excited to collaborate on fresh and unique ideas. The workshop informed students about the opportunities for business and the path they had taken. The following session after this focused on artificial intelligence in mechanical engineering where Mr. Fayyaz Farooq was the featured speaker, trained and experienced in data engineering, cloud computing, and data analysis focused the students' attention on the future, and his experience in the profession

provided everyone with excellent insight into the industry. Dr. Khurram's session was titled AI in agriculture. His level of skill in the field in which he works has transcended several bounds. As the acting director of the artificial intelligence research center, he has served as the main investigator, overseeing the full team of co-plus, team leads, research associates, and assistants. Because both his work and his interests revolved around AI and computer vision, he informed the audience and provided them with a taste of what the future may bring.

The day's next session was AI in HealthCare. Dr. Majida Kazmi, who holds a bachelor's degree in electrical engineering as well as a Ph.D., hosted the session. She performed outstanding research in digital image processing on field-programmable gate arrays. Her degree of expertise provided the audience with an understanding of how the healthcare business may progress with AI. The day concluded with a talk by Sir Zia Khan, CEO of Panacloud and COO of PIAIC, the Presidential Initiative for Artificial Intelligence and Computing. With all of the agendas covered, the team concluded strong on AI Fest 3.0 Day 2. The Ideas Hackathon, hosted by MOJOSOL and Smart City Lab NCAI and sponsored by Kaggle, was the highlight of the third day of AI Fest 3.0. The goal of the event was to bring people of various skill sets together and provide them with a venue to showcase their ideas. Following the conclusion of Round 1 of the tournament, the live session of Industrial Connect 4.4 began with its objective to highlight AI and the industrial revolution. Mr. Taha Anwar, the founder of Bleed AI, was simultaneously hosting a workshop on computer vision. The final day of



the Project Exhibition, which was held outside the Main Auditorium, was in full swing as well. Following the Industrial Connect session, FINTECH took the stage to hold a session. Following this, A workshop on Machine Learning and Deep Learning took place with AI Instructors from PIAIC as speakers. The Ideas Hackathon progressed to the final round with The CIS team winning it with their Biofuel proposal, while the Smart City Lab team won with their reversed winding machine invention, which is currently on display at the DMS Canteen. Mr. Mudassir and Mr. Imtiaz from NCAI's smart City Lab rounded up the third day with their

workshop on Autonomous Vehicles. With this last event, the crew wrapped up the third day of AI Fest 3.0 with a bang.

The fourth and final day of the AI Fest 3.0 began with an introductory address, followed by the team's conclusion of the Virtual Reality workshop. The closing ceremony began with statements by the President's Advisor, Syed Usama, who was followed by the President, Syed Khurram Abbas Rizvi, who offered their thoughts on the four-day event. Sir Khurram, the Student Advisor for the AI Club, then presented his thoughts on the event's third iteration and expressed his appreciation. The award

presentation ceremony followed, during which the executive committee handed prizes and certificates to the AL Club Team and the champions of the competitions held over the four days. The Smart City Lab NCAI wrapped up the Autonomous Vehicle workshop in the main auditorium as the closing ceremony came to an end. The AI Fest3.0 came to a close after a busy day, with an avalanche of good responses from attendees. Let's hope that more events like this take place in the future to educate young people about technology's current and future conditions.

## ENGLISH ACCESS MICRO-SCHOLARSHIP PROGRAMME 2022

SHANZAY HUSSAIN

*English Linguistics, Batch 2019*

The newly adopted Sustainable Development Goal on education states, "ensure inclusive and quality education for all and promote lifelong learning." It further emphasizes, "increase assistance for scholarships available to underdeveloped countries." In order to address the educational concerns in Pakistan about scholarships, The United States Department of State provides a variety of scholarship programmes, mostly funded by the governments of developed economies to offer aid for accepted students. Subsequently, the Humanities Department at NEDUET is effectuating a scholarship programme funded by RELO-US Consulate. Followed by the successful completion of the two-year programme from 2019 to 2021, the

English Access Micro Scholarship Programme was reinstated. Commencement of its second tenure, for the academic year 2021-23, was brought off with the successful selection of three

hundred bright students through a rigorous screening process. Eligibility criteria catered to individuals coming from economically disadvantaged backgrounds ranging between the





ages of thirteen and sixteen. The recruitment process for the staff was undertaken by English professionals at the Humanities Department. As a result, the assemblage of highly qualified professionals for the Access team was quite a feat.

The core focus of the Access Programme is to develop the language skills of students. The curriculum educates participants on critical thinking skills, American culture, and democratic ideals thereby amplifying their potential to compete for and participate in the US exchange and study programmes. Furthermore, the primary goal is to engage communities in a programme that builds a more educated, skilled, and inclusive society to contribute to national economic growth and stability.

When the pandemic hit, it was difficult for the under-resourced

schools to switch in the direction of the online mode of education. Students, residing in remote areas or those belonging to low-income families, particularly in government-funded institutions, lacked the technology essential for virtual learning. The Access team ensured that the students did not suffer by implementing virtual education effectively. They were provided with suitable devices, internet access through data packages and necessary books to facilitate them throughout the programme.

The current academic year is a virtual one. Online classes cannot indemnify physical learning, yet they do compensate for some of the intellectual loss while also teaching students how to use technology. The teachers are experts at devising dynamic lesson plans and executing them smoothly. The programme

commemorates global events such as Pakistan Resolution Day, Zero Discrimination Day, and Black History Month. Every once and now, there is a guest speaker session where the students are introduced to a renowned personality to inculcate patriotism, passion and goodwill sentiments in their hearts. Instead of being passive beneficiaries of aid, Pakistan is paving the way for its youth to be active participants and equal partners in defining educational options for their people. It is crucial not to overlook the growing significance of tertiary education and human capital development in the country.

## THE RISE OF STUDENT JOURNALISM IN NED

*AFEERA SUHAIL*

*Electronics Engineering, Batch 2019*

NEDian Newspaper, the name itself is self-explanatory and on its course to becoming the limelight among students of NED University. As even the longest haul is dependent on its first step, the inception of NEDian Newspaper was marked by the issuance of a notification by the Dean ISH, Dr. Noman Ahmed, Tamgha-e-Imtiaz holder, and the man behind planting the seed for this initiative. Thus, the notification united 4 proficient and persevering individuals as core committee members namely Dr. Fawwad Masood, Assistant Professor, Department of Civil Engineering and Ms. Maheen Tufail Dahraj, Lecturer, Department of Humanities as faculty representatives; while Aiman



Siddiqui and Aiman Yasha Naseem were nominated as the student representatives of this prestigious cause.

Campus newspaper is an alien concept in the eastern world

therefore, everything was brought to the table after careful cogitation and discussion. Successful developments on the route map were made during the COVID-19 lockdown as the series of meetings continued with the same

devotion. Something as groundbreaking as publishing a newspaper required the combined efforts of creative and diligent beings therefore team formation topped the chart of priorities. Candidates for editorial, news reporting, photography, and graphics were gathered with the assistance of the Controller Student Affairs followed by a Computer-Based Test that was conducted to rule out the editors and reporters on the basis of their scores.

Having a group of enthusiastic people representing all departments of the university on board, the bout for the first edition started welcoming new challenges like the selection of stories to be starred, means of data collection, maintenance of set standards in articles and graphics, and a lot more. Still defying the odds, the first-ever edition was finalized, awaited its approval and eventually got

published in September 2021. The next step to build momentum on this initiative was to mobilize the marketing domain in order for this effort to be recognized extensively. In this regard, an official collaboration with the Literary and Publications Society was made and a journalism workshop was conducted for promoting student journalism among students which eventually delayed the second edition till January 2022. Right now, the newspaper publishes its edition

bimonthly with the aim of gradually increasing the frequency to monthly, fortnightly and weekly up until it is published on daily basis. This might come off as a third-world idea in NEDUET but the team's endeavor and members' dedication are second to none. Slowly and steadily NEDian Newspaper will surely become the voice of NEDians and their life in NED, having a wide readership community not only in NED but outside NED as well.



## PAKISTAN DAY- THE PATRIOTIC EXHIBIT DONE RIGHT

NASHRAH SIDDIQUI

*Industrial & Manufacturing Engineering, Batch 2021*

To the limits of our sight, the NED convocation ground was jam-packed with patriots of all ages as NED University welcomed students of 41 institutions around Karachi to witness the grand Flag-Hoisting Ceremony, organized by Pakistan rangers on the 23rd of March. The crowd included students from various schools, colleges, and universities who were amalgamated as Pakistanis, pretermittting their distinctions.

Seemingly, the entire place had been showered with green and white, as

people showcased their unity by dressing up in colors of the Pakistani flag, waving flags of all sizes, but none could defeat the grandeur of the one we witnessed a while later. The ground was set up with some winsome Pakistan-Day-specific decorations and a stage adorned with an exquisite backdrop. The



audience was overwhelmed to see little ones performing with passion on national songs, singing, dancing, and expressing their unconditional love for the country through awakening speeches. Reputed news anchors were also there to host the show and fill the crowd with energy. To add to the verve, a special performance on the mega-project 'Sinf-e-Ahan' powered by ISPR (Inter-Services Public Relations) was witnessed, as a little woman of steel lit up the stage with her powerful voice. The show went on with a band of rangers marching around the ground, blowing their trumpets to produce an immaculate rhythm that echoed through the



vicinity, giving goosebumps as they tuned to the renowned national song 'Allah-u-Akbar' on request. This song reminds us of how our people sacrificed their lives to bring this nation into existence. The rangers' personnel were there serving us and taking care of our security. All the gates of the university were closed

congregated in auditoriums and organized quiz competitions, debating sessions, national songs and many fun activities. All the students who attended the event were awarded with one and half hours of community service for displaying their love for their homeland. To this day we remember



except the main gate, which was strictly guarded. Throughout the event, some scouts remained in position, holding the gigantic flag which had to be raised at the end of the ceremony. The vice-chancellor of NED University, Prof. Dr. Sarosh Hashmat Lodi, and some high-rank professionals of the Pakistan Rangers' Association were present to grace the ceremony.

As the National Anthem began, students released green and white balloons which filled the sky, creating a breathtaking view. Meanwhile, the scouts gradually raised the enormous flag, triggering the patriots who hooted and chanted slogans as the flag waved high up in the sky. The Pakistan Day celebrations, however, did not end here as several departments around the university had prepared their own events where they embellished their department buildings with banners and flags. Students

the 'Pakistan Resolution' that was passed in 1940, because it united all the Muslims, giving them hope of freedom and liberty, and laid the foundation of Pakistan. This day sowed the seeds of one of the most important events marking the beginning of the Pakistan Movement. It reminds us of our origin and the unlimited struggles of our ancestors to turn Iqbal's dream into reality.

## SKMH SITE VISIT BY ACI NEDUET

*AQSA NOOR*

*Civil Engineering, Batch 2019*

ACI NEDUET is one of the oldest and most prestigious student-run official chapter of the American Concrete Institute in Pakistan. Through various technical events, seminars, workshops, and site visits, this ubiquitous chapter has become a must-have entry in the social

calendars of almost every civil, construction, and urban student. Beginning the year with an unprecedented team reveal video that made rounds on numerous NEDian's social media feeds, and its huge win in an international forum through a competition called concrete solutions last year, this organization never spares a day to make university experience better for its members through network opportunities and promises to serve its members and department students alike to the fullest by striving for avenues of practical learning through its forthcoming ventures. The recipient of the Excellent University Award of 2022 by ACI International, ACI NEDUET began the tenure with delivery on the promise of exposing students to the practical world; through a site visit. The visit took place at Shaukat Khanum Memorial Hospital (SKMH), DHA City, Karachi, on November 20th, 2022. Around hundred students accompanied by faculty members of the civil department toured the ongoing construction work at the site of SKMH.

Situated in twenty acres of site, with a one million sq. ft. constructed area, the site exhibits a wonderful expanse for construction feats. The visit proved instrumental for

students in discovering the innovative design techniques of the industry. The tour commenced with SKMH's site staff's overview of the project with the master plan, followed by division of attendees among groups who were then allotted a designated member of the project team as their guide. Mr. Zaka Ullah, the resident engineer briefed



attendees about the unique design concept of the hospital building; the specialized area with a bunker featuring walls capable of resisting radiation. Muhammad Yasir, the project engineer gave insights on the structural aspect of the design which was based on AASHTO codes.

While some sang the praises of learning beyond the classroom others found photography and a rendezvous with their batch-mates over lunch as the highlight of their day. However, what paired these two polar opposites' kinds of students together was the bonafide and convenient wish for Team ACI to hold more of these visits.



## 9<sup>TH</sup> WORKSHOP ABOUT GEOMETRY IN DESIGN

M BILAL

*Architecture & Planning, Batch 2019*

Geometry plays an important role in the professional life of an architect, while not in personal life which can be quite disorganized and abstract. It is important for an architect to train his eye to predict the future of an architecture, analyzing how it will merge with the context and what kind of response will it give.

Architect as a Scene director: Just like a movie director, an architect also directs the scenes but with the play of architectural elements. Sometimes, it is the play of landscape, sometimes of organization & sometimes of geometric patterns. We get to see a combination of all these at Shah Jahan Mosque, Thatta. Yes, there is a massive play of geometrical patterns with the organization of spaces & domes.

**First Day:** Site Visit. It was the first day of workshop & we made a visit at Shah Jahan Mosque. There was a

clear difference of environment inside & outside the mosque. It was very well planned and beautiful heritage site. The workshop was a collaboration between Karachi University, Nazeer Huss University & NED University of Engineering and Technology. In that workshop, we learnt about the construction of

Tensile and Ribbed Domes, and about Islamic Geometry. So, at the site we had to make groups and select a specific dome or a pattern & try to sketch it.

After which, we all gathered in a corridor and were asked to describe the experience in a single word, which was fun! We were then





headed by architect Taimoor Khan Mumtaz, who briefed us about the play of geometry in the mosque and about the material of construction which included blue glazed roof tops and brick works.

**Second Day:** Introduction To basic Geometry. The second day began with an interesting lecture related to numbers and geometry, from a single dot to line, to circle and the shapes inside it. We came to know the importance of number 3 & 4 which come from the vertices of triangle and square respectively. In nature, there is an important role of these numbers, like if we add these numbers, we get 7 & coincidentally, there are 7 colors of refracted lights, 7 days in a week and 7 is the maximum number of times a paper of any size can be folded. Whereas, if we multiply 3 and 4, it gives us 12 which is again a repetitive number in time and number of months in a year. At the end, we derived many geometric patterns and performed an activity to make a stencil of geometric patterns.

**Third Day:** Arch & Ribbed Dome Drawings and Model Making. On the

third day, we started with the plan of ribbed dome so firstly, we came to know about an Arch; how a single arch is the combination of two ellipse, and with the help of the plan of ribbed dome we derived an elevation. Then, by interlocking twelve four-centered arches we constructed a ribbed dome. It simply taught us how the unity of arches can attain a huge span without any single support at the center. So, two methods were understood, one was using squinches to form an orthogonal drum, and the other known as pendent rue dome, which did not involve drums.

**Fourth Day:** Public Lecture about Geometric Pattern in Islamic Art: At the end of day 3, we were asked to work on the project which we had finalized during the site visit: It could be a geometric pattern or a dome. As day 4 began, we continued to work on that, while also attended a public lecture by Architect Taimoor Khan Mumtaz. He discussed the importance of tradition in art, and about rhythm in geometry which creates a common ground between music and geometry. After the by renowned Pakistani Architect and

lecture, there was an exhibition by Endowment Fund Trust (EFT). The trust is working on the preservation of heritage sites of Sindh so, they displayed various kinds of beautiful pottery found at many such sites.

**Fifth Day:** Construction Drawing/ Fabrication. On the fifth day, we all were working on our final display project: domes or geometric patterns. We got to know several methods to play with geometric patterns, like using thread or making a 3-Dimensional Hexagon with the combination of different small hexagons.

**Sixth Day:** Final Display. The workshop ended with the exhibition of our projects and then a closing and certificate distribution ceremony. It was a good and collaborative learning experience which makes us realize the spirituality in Islamic geometry; you can just go in a flow of merging different shapes for making patterns and make complex designs by using basic shapes.

## ON CAMPUS CONSTRUCTION OF LARI OCTA GREEN (LOG) SHELTER

BUSHRA ZAFAR,

*Bachelors of Architecture, Batch 2018*

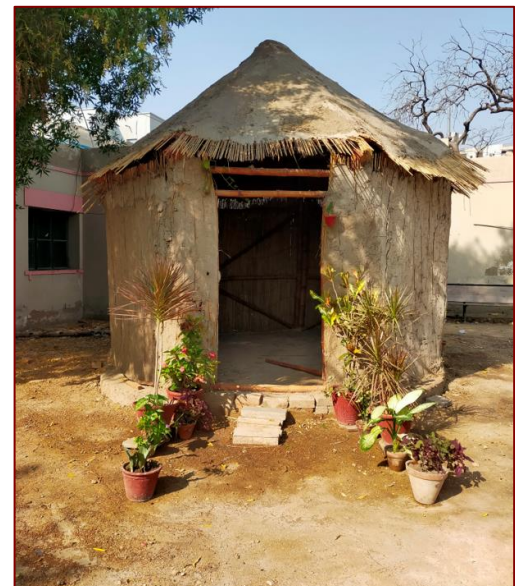
MARIA KHALID,

*Chemical Engineering, Batch 2020*

It was a sunny morning, a hectic routine and tired students busy with tedious architectural work, when suddenly their lethargy turned into a wave of excitement invitation to the LOG workshop had been announced. The award-winning LOG Shelter formed part of the Barefoot Social Architecture initiative taken

Environmentalist, Madam Yasmeen Lari. Not only would it have a zero-carbon footprint and be constructed using sustainable materials like mud, lime, and bamboo but also serve as affordable housing for the low-income populace.

Contrary to our expectations of learning bamboo-cutting techniques from this three-to-five-day workshop, what the program actually entailed took us by surprise. We had to build a bamboo log from scratch. For this purpose, a three-



day demonstration session from 15th to 17th of September was arranged at Denso Hall, Rahguzar, in



order to familiarize students with the correct methods of building log. The next phase began with market surveys to estimate the minimal budget. We were divided into groups of four and were allotted a separate marketplace to speculate and compare the prices of materials. NEDUET provided us Rs. 45,000 for the purchasing of materials while the bridging amount of 25,000 was covered by the participants. From Gizri to Kala Pul, Lee Market to China Pati and Kemari to Sultanabad, all the markets were thoroughly surveyed, even when some crowds unsettled us.

The construction began with the demarcation of the octagonal boundary followed by excavation and leveling. With only two shovels available at hand for digging, the participants managed to maintain a good speed by using whatever suitable tool they could get their hands on. The excavated part was filled with lime-concrete mix and left for a few days to cure. Clay was then prepared by kneading and filtering the mud which resulted in blisters and rashes that could not be

adequately prevented through the use of gloves. Making the bamboo structure after sun-drying the bricks was another challenge considering we were inexperienced with an electric cutter but nonetheless we did not let this hesitation deter us. After placing the panels, working on the roofing proved to be the last, albeit the most difficult task. A clear picture of the log emerged after the floor was plastered. The structure looked beautiful with its octagonal profile but it could not be used without proper matting and plastering to combat the hot season therefore, it was fully covered with a mixture of mud, lime and husk. To appreciate participants for their commendable work, a certificate distribution ceremony was held at Denso Hall, Rahguzar, by INTBAU. They also awarded UK scholarships to one student from each university. Although the workshop was done and dusted with, the process we went through and the challenges we overthrew with our keen dedication could never be forgotten. Our efforts led us to a stage where we saw ourselves as strong competitors to

any challenge that awaited us in the future.

**Q. How did this workshop compliment your studies?**

Eman Farooq: We learnt to work with sustainable materials such as lime and bamboo. It gave us exposure to the on-field challenges faced by Architects and enhanced our team-management skills. The techniques we used were also very different from what we were accustomed to. The new experience was exhilarating. While time consuming and laborious, the final structure was proof of our hard work and worth every single bit of it. Seeing the LOG shelter in our campus made me proud of our achievement and convinced me that with effort and determination, no task is as hard as it is made out to be. Sarah Akmal: As future architects, we have to work with men and without them as well as in areas where many women of our age and background are not comfortable visiting. It was definitely a daunting but confidence building experience. We garnered both hard and soft skills, so it was quite fruitful for our learning.





## Q. How would you describe your experience?

Wajeeha Rehan: It was a life-changing experience. In a society that undermines our gender, I feel many of us have started to underestimate ourselves too. We are equally capable of performing work that is usually handed over to the men, provided an open mind and an unbiased platform. The team

consisted entirely of women and we handled every aspect of the project ourselves. From purchasing and procuring material from street vendors to the construction, it was all done with the utmost vim and vigor. As team leader, I feel I came out of the experience as a more confident version of myself.

Zoya Zahid: Initially, this workshop seemed very challenging. We were

pushed out of our comfort zone and collaborating smoothly with a big team of thirteen members was no easy feat either! The process was bumpy, we stumbled and we picked ourselves up every step of the way. Under the skillful guidance of Ma'am Lari, it was a learning journey unlike anything. We came out stronger not just academically but also emotionally.

# PEACE DIALOGUE BAHAWALPUR

JAVERIA FAIZ

*Development Studies, Batch 2019*

Team of eighteen members consisting of sixteen students and two faculty members Ms. Anum Mufti & Mr. Agha Humair from NEDUET departed from Tezgaam train on December 30, 2021 at 5:30pm for study Tour. It was an exposure and exchange visit to a place of educational & historical importance. The tour programme was planned for (03) three days. It was a journey from Karachi to Bahawalpur. That covered Fort Derawar, Cholistani families, Abbass Nagar, Noor Mahal, social welfare departments such as Nasheman and

Sanatzaar and walled city of Bahawalpur in between.

On the first day of the trip i.e., 31<sup>st</sup> December, 2021 team reached its first destination at about 9:30am IUB (Abbasia campus) for Peace dialogue session between among the students and faculty members of Islamia University Bahawalpur, NEDUET & University of Karachi. Dialogue revolves around the questions how do you see peace and diversity in your campus? Do your university have societies and how do you see its impact? & Is there any special course in your Curriculum to promote peacebuilding? Comparison was drawn on peace situation in developing city, Bahawalpur & developed metropolitan mega city, Karachi and initiatives taken for



peacebuilding. After the Dialogue session students were taken for the exposure visit to Derawar Fort where brief history of Fort was given by Mr. Lashari the Mason of Fort Derawar Families, as it is one of the best-preserved examples of one of the numerous forts in the medieval period to protect trade routes. The last night of the year was celebrated culturally among the Diversified Cholistani Families with the largesse of Cholistani Ajrak. Students were amazed to see that still the Cholistanies are following the same tradition with the visitors & also mobile education is promoted. It is the best model for such communities where they have to move time to time due to weather and there are 31 Mobile schools are currently functioning in Cholistan and educating the Cholistanies youngsters.

The second day began with the visit of vocational institute started by the Punjab government under the Social Welfare Department, Sanatzaar where women were empowered by skills development without the restrictions of any age group and minimal education, & Nasheman, where disabled individuals were empowered





by skills training and also connect them with job opportunities where students learned that Matrix management system could be possible in governmental organization as well that eradicate huge communication gap or miss communication as a result of which tours got good impact. The trip was followed up by meeting with IUB Faculty and VC-IUB then tour to IUB Main Campus and then the visit to Legendary Noor Mahal where students were spectated the Bahawalpur's history through light & sound show and then Dinner in front of Noor Mahal.

The last day started with the trip to Abbas Nagar Mohalla where students viewed the traditional process of tying-and-dyeing of chunri. Followed by the visit to breeding farm of black buck where 400 bucks were bred and then the trip continued to the visit of Shahi Bazaar where students observed the Kundan work. Bahawalpur is a practical example of green cities model in Pakistan for sustainability. Finally, the trip ended with arrival of students to station and departure in Khyber Mail at 3:40 pm for Karachi. Students arrived at Karachi at 6:30 am under the supervision of great faculty members, Ma'am Anum Mufti and Sir Agha Humair.



# REVOLUTION ENROUTE: SEMICONDUCTOR INDUSTRY

AIMAN YASHA NASEEM

Biomedical Engineering, Batch 2018

chain challenges such as “reshoring,” “near-shoring,” and “China+1,” while



*An IC design summer school initiative to open new avenues!*

*“Technology is the future, we have seen the third industrial revolution, and we are in the midst of the fourth industrial revolution”.*

*N. Chandrababu Naidu.*

Global supply chains have evolved in recent decades with the aim of maximizing efficiency. However, rising human resource costs in China and protectionist trends globally - especially in the United States- have forced a shift in approaches to international commerce. Additionally, the COVID-19 pandemic and acceleration of strategic rivalry between the United States and China have made the restructuring of supply chains an urgent task. Global companies are now searching for responses to supply

the United States and China devise strategies to protect their own industries and improve their international competitiveness, addresses a report published by Center For Strategic & International Studies.

Pakistan, in its subservient stage of progress in the fourth industrial revolution is a key ally in the US-China Innovation race. It has been well addressed for such role that the business community must be aware of geopolitical dynamics. Companies around the world need to keep a close eye on trends and assess the international situation—especially the strategic rivalry between the United States and China—to build more resilient supply chains. More importantly, IC design capacity is a sovereignty issue for small nations like us. Self-reliance in this area is unavoidable.

Semiconductors, otherwise known as “chips,” are an essential component at the heart of economic growth, security, and technological innovation. Smaller than the size of a postage stamp, thinner than a human hair, and made of nearly 40 billion components, the impact that



semiconductors are having on world development exceeds that of the Industrial Revolution. From smartphones, PCs, pacemakers to the internet, electronic vehicles, aircrafts, and hypersonic weaponry, semiconductors are ubiquitous in electrical devices and the digitization of goods and services such as global e-commerce. And demand is skyrocketing, with the industry facing numerous challenges and opportunities as emerging technologies such as artificial intelligence (AI), quantum computing, Internet of Things (IoT), and advanced wireless communications, notably 5G, all requiring cutting-edge semiconductor-enabled devices. But the COVID-19 pandemic and international trade disputes are straining the industry's supply and value chains while the battle between the United States and China over tech supremacy risks splintering the supply chain further, contributing to technological fragmentation and significant disruption in international commerce. Thus, to acknowledge the key patch in this technological revolution and to undo the global disruption, Asia Pacific regions are in core demand to extend their roles in the development.

Pakistan, being a core ally to China and its recent agreements for CPEC, has widened the window for fourth industrial revolution partake. Our cost-effective labor and similar business demographics strengthen our capacity to share China's burden in race for innovation. The key employment of semiconductor industry revolves around the design and microarchitecture of the processors. With a massive engineering workforce in the domain our role stands integral to the industry.

Mr. Naveed Shirwani, reputable business figure and an NED-alumnus has stated "We have repeatedly stated that there is a shortage of one million workers in semiconductor

*now consolidated for over \$6.5bn enterprise value. At the market close on Wednesday, the deal already valued at \$7.5bn (enterprise value). I am thankful for everyone's prayers*



industry today. However, we have never seen an estimate for the damage being caused by such shortage. Now we have a number! There is bold claim in Semi-engineering article by Tim Archer that "the labor deficit is costing companies more than \$2.1 trillion combined in unrealized output each year. By 2030, that number is expected to reach an astonishing \$8.5 trillion." We don't know how that number was computed, but are curious to know! If true, this is an astounding number". It is therefore a predictable effort for Pakistan to involve in the process to uphold the role in revolution en route.

An astounding value of the industry can be perceived by an exemplary move of an NED alumnus, Mr. Raghieb Hussain, co-founder Cavium signed the deal with chip-maker Marvell, to acquire his company in a \$6 billion deal in cash and stock. He stated in an interview to dawn, *"To summarize: I started Cavium with Syed in late 2000, took it public in 2007 with a market cap of about \$600m. Ten years later in 2017, we are an established semiconductor company with revenue of \$1bn, 2,000 employees and a market cap of \$5bn,*

*and support."*

With enormous vision for Pakistan, engineering and technological institutes have decided to encourage their students as an integral workforce for the Tech. revolution. NED University, with their alumni in the global field of semiconductors, have willfully taken the initiative to train their students for future through IC Design Summer School initiative for Faculty of Electrical and Computer Engineering, to enjoin their roles in ATI soon to be inaugurated in Karachi at NED campus, Lahore and Islamabad with job opportunities at home and abroad as well as paid internship opportunities via international collaborative effort.

Prof. Dr. Saad Ahmed Qazi, Dean, Faculty of Electrical and Computer Engineering says in relevance to the initiative "In order to get a reasonable Pakistani footprint in international IC design market, we must ensure quality of our IC design engineers. With 600+ Electrical, Electronics and Computer Engineering students graduating from NED each year, through this highly intensive summer school we are seeing an opportunity to do just

that – introduce high-quality Pakistani human resource to the world of semiconductors.”

Faculty of Electrical and Computer Engineering (ECE) at NED, comprising of Departments of Electrical, Electronics, Computer, Biomedical and Telecommunication Engineering, is spearheading the effort through their involvement in design and development of the ICs. The silicon prowess extends particularly for these departments because of their fundamental affinity with the semiconductors and microprocessors. Be it the processor designing, involvement of CAD software's, or the massive use of open-source tools in the design industry, it's a fit for all universe. Faculty members like Dr. Fahim ul Haque and Dr. Hashim Raza Khan are the real heroes who are converting the opportunity into a reality for us.

The IC Design Summer School initiative focuses on the core technology preparation relevant to the designing and verification of the integrated circuits, providing a wholesome opportunity to turn from novice to Digital IC designer in a short span and grab the valuable opportunity in the Tech. revolution of Semiconductor industry. The school will run 4 to 6 pm Monday to Friday starting from Monday 9th May 2022 and ending on 31st July. The project is heavily subsidized by Ministry of Science and Technology Endowment Fund, which means that NED students have to only pay one-third of the total fee for the entire program. As an icing on the cake, USEFP is also considering launching a 12-hour soft-skills program for the summer schoolers on Saturdays.

It is therefore a captivating opportunity to pioneer at its initial phase of development in the longer run and a reputable effort by NED for

country's prestige. We sincerely hope that our sister universities in Pakistan also join the effort.

departments and student societies across NED University host picnics at various spots, which are eagerly

## BEACH PICNICS-THE RIGHT DOSE OF EUPHORIA

MALIHA ZAFAR

*English Linguistics, Batch 2019*

While the Fall semester is mostly about bidding farewell to the graduating class and celebrating the end of the academic year with annual dinner parties, the Spring semester is all about beach picnics. These picnics begin the day after the last exam of the fall semester and continue until the day before the holy month of Ramadan begins. This is indeed true that beaches are the ideal getaway from the stresses of academic life.

Although each department chooses a different spot along the coast of

anticipated by students from all four years of undergraduate study. Fresh-students were willing to have their first batch picnic with their newly made friends, while 3rd and 4th years were willing to capture the very last moments with the people who have stayed with them amidst all of the challenges. Similarly, the faculty members are also present to take a much-needed day off from their job.

Lunch and photography are two of the mandatory highlights of the beach picnic extravaganza. The rest, such as reserving a hut and beach activities such as boating and horseback riding, are a close second.



Karachi, every student returns home with their mouths aching from laughter and their hearts full. The thing about beaches is that no matter how many times you visit one, no matter how old you get, the sight of the waves and the gentle breeze will enthrall you just the way it did the first time your sandy toes touched the cold water. Every year,

The must-have lunch item is always biryani, the comfort food of every Karachite ever, along with a few other sweet and savory items and a bottle of chilled Coca-Cola. Many picnic itineraries include 'Nashta', which urges even the late risers to arrive early at the meeting spot. Once everyone has settled down after arriving at the beach, people



head to the beach in groups for solo and group photos before spraying water on each other. This does not mean the photoshoot is over; rather, it is the start of snapping 200 more selfies and portraits in the same five poses, with the best being uploaded

on their social media feeds with apt hashtags. The day ends with everyone sitting down for a music session, with one friend strumming the guitar strings and the rest singing along, until the sun begins to slowly sink into the

water and everyone gathers their belongings to be seated back in the picnic bus and driven back to the university. Not to forget the phone galleries beaming with blue hues and moods uplifted for the semester to come.

## THE PLUMMETING SLOPE OF ENGINEERING SCOPE

M KARAM

*Civil Engineering, Batch 2020*

From the Pyramids of Giza to the Pyramids of Teotihuacán, from Sacsayhuaman in Peru to the Lost City of Moen-jo-Daro, the presence of the field of engineering since ancient times is indubitable. Engineers have always been termed an asset to a country's economy as it is widely driven by innovation and technology. However, their utilization has always been questioned in third-world countries, like Pakistan, where half a million students graduate every year. Contrary to that, the job market that they experience is saturated with a low pay scale.

As per the Pakistan Engineering Council (PEC) reports, the country has 260,000 engineers registered in the country. Among them, 50,000 are unemployed, and 30 percent are

serving abroad. With less than half a million graduates, the number of registered engineers is seemingly low. One should implore the fact that what happens to the other graduates? Does every engineer get to practice their field? And if not, then what are the alternatives available?

When we dig into the profundity of problems and try to get to the shore of solutions, the first thing that we see hovering over the layer is the self-volition of students in Pakistan. It is not an individualistic problem but a societal one. There are only two socially viable options given to a qualified intermediate student, engineering or medical. If someone has not decided about their future, the only expedient solution to their problem is acquiring an engineering degree, and then they could further continue thinking about their professional life. In a nutshell,

students frequently and consistently plump for engineering over their consent, which affects the all-embracing image of engineers as it becomes a mere formality than a respected field.

The foremost reason for this grave matter is also the skill-gap present in the graduates. When offering jobs to the graduates, companies look for the cream of the crop, and, unfortunately, there's a gap in the quality and quantity of engineers produced in Pakistan. Most engineering universities in Pakistan confine themselves to a theoretical approach rather than exposing the aspirants to real-world problems. Moreover, the demand and supply are lopsided as we have more engineers graduating per year than their exigency globally, thus increasing the influx of engineers in the job market. Whilst those graduates who, with the stroke of luck, manage to land themselves a job, get a salary fluctuating between Rs. 15,000 to 20,000, which is at a touching distance to the minimum wage in Pakistan and, woefully, at a low par than the rest of the world. Students are compelled to change their careers post-graduation under the aforementioned prevailing conditions. Most of them not just choose various fields but rather succeed wherever they put their steps. According to a report, 140 out of 376 students who passed CSS2020 were engineers. There's also a rising trend of students opting



MBA after engineering, but there isn't any reported figure available. However, estimation shows it could be over 35-40%. Freelancing is another preferred direction that engineering graduates get a shine to, as Pakistan is now the 4th most popular country for freelancing.

Scott Adams's quote is perfectly put for the engineering graduates in the country, "Engineers like to solve problems, and if there are no problems handily available, they will create their own problems." Still and all, the predicament of Engineers is a matter of significant concern that

affects the image of the field and the country. Therefore, serious reforms are the need of the hour to improve the engineering profession's status in Pakistan; else, the repercussions would be disastrous.

## BEWARE OF INTERNSHIP-THE WOBBLY BRIDGE

HAFSA NADEEM

Computational Finance, Batch 2019

Securing admission in the desired university after college with years of relentless efforts is a milestone worth being proud of. Enrolling in the discipline of your choice is another chip in the bag, but that is not the case for some. Nevertheless, you hope to kickstart your career with a boom. Visualizing your job your first day at your desk, and your morning coffee. Wait. How can anyone lend you a job without any experience? Then you realize the boulder; internship is what they call it.

You might be wondering like me; how to find one? That is a question for another time. Internships benefit you. You already know they qualify you for the desired job but also help you with your career goals and might as well transition you from an intern to a permanent employee. Your employers also receive their fair share. But are you aware of the risks? Beware, my reader, the demographics are genuinely against you - if your internship is unpaid.

In 2020, protecting against coronavirus was on the agenda, but we were also guarding ourselves against the employers offering unpaid internships on Twitter. Moreover, the chances of acceptance into an internship are similar to that of a university. Acceptance into paid internships is more strenuous than

the unpaid ones, and that is why students choose the latter. Therefore, the balance between you, the intern; and your boss, the employer, is genuinely against you. We live in Pakistan. Even though we adore our land but isn't it a bit unstable? No offense to the roads, but the job market is definitely wobbly.

Although, the unemployment rate was quite stagnant from 2015 to 2018, and even recovered a bit during 2019, but it surged again due to the pandemic. Further, there are other reasons for the instability including the choice of the desired discipline. But why would an intern need this data? The answer is simple, a job requires an internship, and an unstable job market refers to fewer jobs, that is even fewer internships. As a matter of truth, whether it is an internship or a job, it all depends on your skills. To be exact it is your networking skills or precisely-your sources. Unless you are the 'chosen one'. Thus, the chances of unpaid internships also rise.

In addition to the unpaid internship culture, most countries also face the same problem, making it a global problem. Though it is laborious to walk on a wobbly path, it might bore a fruit one day. After a top-notch assessment and interview, you are a successful intern, Congratulations. You got

your desk and your morning coffee too. What about your work? The 'work' you tirelessly worked for might relate to your discipline, but there will be some scenarios you will face like any other intern. The work can either be tedious or thrilling. The amount of work can also vary. Your superiors will brief you about it on your first day. But you might have heard from your teacher that 'theoretical knowledge differs from Industrial knowledge'. Other than facing a different environment, the biggest hurdle related to your 'work' revolves around your understanding. You may possess all the knowledge of the software, machines, and budgeting, but how to implement it remains the question. Moreover, you may face a situation you possess little knowledge about as the curriculum of universities differs from the industry. And my dear reader, that is the essence of practical knowledge. Internships form a bridge between theoretical and practical knowledge, though the bridge can be wobbly. You might be wondering; why so many hurdles? To answer you, Eleanor Roosevelt quotes:

*'if life were predictable it would cease to be life, and be without flavor'.*



# WALKING-THE COURSE WITH INFINITE CREDIT HOURS

MARIYA NAYAB SIDDIQUI

*Economics & Finance, Batch 2020*

Walking from the main gate to one's department and the way back is a core memory of every student's life. As you would read along, you would effortlessly relate to this tale that is nothing short of a saga amidst a student's life. As university students, walking back and forth inside the campus is a part of our daily routine, be it to take class at a different lecture hall or in search for savory foods amongst many canteens. Among these walks for different purposes, walking the distance from the main gate to one's department remains rampant. If you are studying at a university that spreads over a large area, you must have encountered the problem of your department being at a long but walkable distance and so does one studying at NEDUET. There are various departments at NED spread wide throughout the campus. Walking from main gate to the department is what unites students to meet at morning and off timings as well as bump into their department mates from different batches. The placement of departments throughout the university is as such that all departments have access to road inside the university. These roads are mainly for commute of employees inside the university but shuttle services have aided the students in shortening the time span of travelling within the university.



As a student myself, these long and unending strolls felt like a vicious cycle of pain and stress during the freshman year as one had to beat the clock and reach class in time for the love of attendance. In this race of man and clock, using the shuttle feels like a breath of fresh air but you know you are having a bad day if the shuttle gets full before you take a run for the seat. As time goes on and you reach sophomore year or junior year, the race is still there but you end up being one of the two kinds of students; the one who sets his schedules and reaches the class either in time or before time or the second one who has become immune to the teacher's scolding and is late to every class yet still manages to mark his attendance. These ambles are not a rare sight to be witnessed in the mornings or afternoons but even during the university hours, students marching from one station to another remains constant. Some students who are up for a weight loss journey seem to be enjoying walking in the university to complete their daily step counter goals-unshaken by the scorching summer heat or the freezing winter

breeze. While some students combat the harsh sunlight by using umbrellas, others keep their cool with a fresh fruit juice. In winters, the same students can be seen wearing warm jackets and overcoats, holding a cup of hot tea to keep them warm and cozy.

Walking in the university might feel like a cumbersome errand but it is also a stress coping mechanism when you need to unwind from consecutive classes or last-minute submissions with an exhibit of extreme sport. Looking at the green grass and blue sky after staring at bland whiteboards all day seems to bring immense joy inside a student's life. It somehow refreshes your brain in a way that you get ready for another spree of classes. Amidst all the hectic schedules of classes, running through the department, main gate, gym, common room, canteens, labs and libraries, is what sums up the memories of university experience outside of the typical classroom setup. It initially forges our punctuality and time management of going to different places simultaneously and ends up giving us major memories to cherish on.

# A FOODIE'S GUIDE TO NED'S TANTALIZING TREASURES

MAHA KAMAL

*Computational Finance, Batch 2019*

SADIA KIRAN

*Computational Finance, Batch 2019*

NED has quite the selection for students to pick from when it comes to satiating one's hunger. There's a canteen for almost every department, but groups of students can be seen migrating to a different department's canteen to satisfy their needs. 'Why?', you might ask. These long saunters for lunch are to find the best of what they crave at the moment. There is also a plethora of refreshments available ranging from juices to milkshakes and smoothies which are the perfect solution to beat the summer heat. Kulfi and the ice-cream man compete for the same crowd of students that are on the hunt for a cold treat to give them a much-welcomed brain freeze. Now if your taste buds want a creamy delight, the former is your answer or if it is a traditional popsicle that you desire then opt for the latter.

In order to appease your Chai and Coffee addiction, you can find chai and coffee at nearly every other canteen at NED, but the best chai wala in this author's honest opinion is the one next to SFC. There is something cathartic about the process of placing your chai order and watching the chai wala ladle your chai meanwhile he casually flaunts that you have never tasted goodness if you have not tried his signature tea. For coffee, MECH corner is the go-to spot with its varied coffee selection menu. Biryani can be found at each one of these cafeterias while quality of Biryani can be graded and compared

according to the spices, number of potatoes, and size of serving. As a Karachiite, it is not easy to strike a chord with your skeptical food gene when it comes to Biryani therefore, we leave it on you to decide the adequacy of your comfort food.

MECH corner is another favorite spot for students, selling fresh produce, pressed juices, and some grab-and-go meal options. When it comes to spicy chana chaats, samosas, and patties to that delicious biryani, pulao, and desi curries, along with the Italian cuisine, the DMS cafeteria has an assortment of food items to offer, not to mention their chicken quesadilla simply called 'cheese paratha' which we can surely call the best in town so far. The folks that are conscious of their nutrition and fitness, prefer to buy just sandwiches, drinks, and juices, so as to not end up consuming those calorie-laden meals.

Besides all these, chai and 'anda paratha' is a go-to food combo for those reaching university in a rush without breakfast. The dining hall could be seen crammed with such students in the morning, while some simply gather and refuel for the day ahead. Environmental Canteen, more commonly known as 'Enviro' amongst students, also holds an impressive menu mainly consisting of fast food and desi cuisine with fresh juices and shakes accompanying the list. It mostly houses the on-campus resident students as it has become a staple to their routine, because of its nearness to the hostels. You get out of a class with your stomach grumbling. You need to grab some grub before your next class, but where do you go? So

nearly all canteens of NED are filled with students looking for a quick bite between classes during that short half-hour break at 11 a.m. Although, vending machines across the campus provide you with quick snacking solutions when you have got evening classes or plans to stay back for group study with your pals. Thankfully, the NEDUET campus dining options deliver well and this guide can help you navigate through the abundant choices.

## RAMADAN BREAK; A BLESSING IN DISGUISE?

AFEERA SUHAIL

*Electronics Engineering, Batch 2019*

Ramadan; the month of divine blessings and forgiveness, the time for rekindling the lost spirituality and a golden chance to redeem. This is the time when every single person tries to get the most from this precious month hence spending a great share of their time worshipping the Almighty or in the service of his creation. Among this, a break from regular worldly chores embellishes this month's beauty and one of the perks of being a NEDian is having the privilege of nearly a month-long vacation which the majority of other student's envy.

Ramadan makes us reminisce about sweet memories with our family and friends, that is why plenty of students visit their hometowns to revive those. All-time worried hearts of parents come at ease watching their eye candies not suffering in the severe heat while fasting. Who wouldn't rejoice pausing the darting



classes, assignments or lab works and value the occasion being themselves with no restrictions. Thus, Ramadan break at NEDUET creates a blissful ambiance all around. However, after turning the canvas to the other side, a major contrast can be observed.

The abandoned campus and its forlorn hostilities count even a mere second, yearning to get back its vanished glee. Instead of feeling the true essence of Ramadan, the tech-geek future engineers are seen busy with their books because of the activation of a silent time bomb namely "Mid Term Examinations". Although while having a handful of spare time after Ramadan, the opportunity to strengthen the relationship with Allah- The Exalted,



is chiefly permuted to develop professional contacts during internship programs. Likewise, the existence of the final year project (FYP), haunts the students even in their dreams. Amid all these devoirs, being subjected to holidays leaves a big question mark in the minds of NEDians that, is Ramadan break really a blessing to cherish or just a disguise!

## EDITORIAL

Campus newspapers are the essence of students' creativity, innovations and achievements. Providing a prolific dais for manifestation of ideas and thoughts that are profound to be expressed and compelling to be suppressed, NEDian Newspaper serves as an

assemblage of the artistic spirits and inspirational visions inhibited by NED's student body.

This month, we are really proud and exuberant to present the 3rd issue of this initiative, in collaboration with Literary and Publications Society (LPS), to encompass all the hopes and hues that this year's events has brought forth. An ardent unraveling of unforgettable and precious moments of the year 2022 in university, it sketches all the occasions so far, little and big, dispersed throughout this tenure that have made it so spectacular. From the renaissance of Zaawiya; with magical sessions spent indulging in poetical prose, light-hearted recitals, and political satire, the patriotic festivities on Pakistan's day, fun-filled beach recreations and nostalgic flashbacks towards the life of an average university student, to the more technical side of things with the innovative AI Fest held by Artificial Intelligence Club and the workshop to build the sustainable and eco-friendly Lari Octa Green (Log) Shelter, the articles explore different perspectives and present an interesting selection of content, curated and reviewed by our extremely creative team of editorial members, graphic designers, and social media managers.

The interspersed recitations of current events with educational and socio-economical insinuations proffer authentic, virtuous principles of moral and societal obligations of students and engineers-to-be, playing an inspirational role in fabricating the characters pertaining to the prosperity in both monetary and spiritual capacities.

In the hustle to get exceptional qualifications, a decent and trustworthy social circle that would make our worldly life better and

haste to make the most of our time here, we often disregard the definition and principles of what true success looks like. In order to fulfill our aspirations to their utmost capacity, it is important to voyage beyond the scope of essentials of just earning a degree and high GPA to cultivate our character to be harmonious in both religion and worldliness. Education's role in a society is the development of valuable individuals that would strive for betterment and prosperity on individual and communal basis, which is what we must aim for.

Keeping the traditions, this issue of NEDian includes a variety of voices, ensuring that it is served as a venue to best express collective actions, thoughts and aspirations and provide a platform to propagate these inspirational messages and help visions to become reality. Special thanks to all the contributors as their contribution is the reason that makes this newspaper endearing with our readers.

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## ACKNOWLEDGEMENTS

### EDITORIAL COMMITTEE

1. Dr. Fawwad Masood, Assistant Professor, Department of Civil Engineering
2. Ms. Maheen Tufail Dahraj, Lecturer, Department of Humanities
3. Aiman Siddiqui, Civil Engineering, Batch 2019
4. Aiman Yasha Naseem Biomedical Engineering, Batch 2018

### TEAM COORDINATION

1. Rabel Ahmed, Assistant Director, UAFA
2. Syed Adnan ul Hasan Naqvi, Staff Member, UAFA
3. Ghazanfar Ahmed, Staff Member, UAFA

### LAYOUT DESIGNERS

1. Aiman Siddiqui, Civil Engineering, Batch 2019
2. Umaisa Shangool Mustafa, Economics & Finance, Batch 2020

# INVITATION

## Contribute for NEDian Newspaper

NEDian is the official student-based publication of the university. Each and every activity in which students participate whether it a conference, workshop, competition, study-based tour and so on, can be part of this newspaper.

If you are willing to write, please send your submissions at:

[nediansubmissions@cloud.neduet.edu.pk](mailto:nediansubmissions@cloud.neduet.edu.pk)

All necessary guidelines and templates can be downloaded from:

[uafa.neduet.edu.pk/guidelines.html](http://uafa.neduet.edu.pk/guidelines.html)

The editorial team also welcomes the letters from the readers. "Letters to the Editor" can also be submitted at the above email address.

